



AT LEFT ABOVE ALL OF THE AUTOMOBILES IN THE FOREGROUND are incorrectly parked at the East Portal in plainly marked no-parking zones. Those at the right backed against the sidewalk were left in the driving lane to hamper entering the loading area. The two-toned car in the left background also was left in a no-parking zone. The picture at right shows more incorrect parking at the same spot as in the picture at left—and also shows that there were many vacant parking spaces just a few steps away in the background.



the left background also was left in a no-parking zone. The picture at right shows more incorrect parking at the same spot as in the picture at left—and also shows that there were many vacant parking spaces just a few steps away in the background.

Off-Job Mishaps Far More Than In Plant

Only Two Lost Time Accidents This Year

The Y-12 Plant safety record for the first quarter of 1955 is running neck and neck with the figures for last year as only two lost time accidents occurred in the first three months of each year. However, the number of off-job accidents again showed a vast increase over the plant mishaps, being seven and one-half times greater in number and 84 times greater in days lost to the accident victims. 15 Off-Job Mishaps Listed

Safety Department records for the first quarter of 1955 show a total of 15 off-job accidents, as against only 12 for the previous year. So far this year there have been 10 automobile accidents that have injuries—and one death—to Y-12ers involved. The fatality is counted as 6,000 days lost from work and the loss of time from the other nine accidents was 91 days.

Home accidents so far in 1955 were two with 11 days lost. The two recreation and sports accidents, not included in the plant recreation program, caused the loss of 20 days to injured Y-12ers. One other miscellaneous accident cost 25 days of lost time.

6,147 Days Counted Lost

So the total time lost from off-job accidents by Y-12ers during January, February and March this year was 6,147 days.

Compare this with the mere 73 days lost from the two lost time accidents happening within the plant and see the degree of injury cost to those hurt away from Y-12.

The plant accident frequency rate for the first quarter of 1955 was .62, as against .78 the previous year. The frequency rate answers the question "how often do injuries occur?" and is defined as the

Continued on Page 4

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
37 Days Or
1,361,230 Hours
(Unofficial Estimate)
Without A Lost Time
Accident
Through April 17

Clean-Up Week Goal Is Banning Hazards

Safer, Cleaner Plant Cuts Injuries, Damage

It can mean saving of lives—or prevention of painful and disabling injury—or serious damage to valuable and vital material so necessary for the defense of the nation.

Objective Is Year Around

That's what a conscientious observance of Spring Clean-Up Week can mean to every Carbide employee in the Y-12 Plant Area—as from one end of the plant to the other this week efforts are being made to ferret out and eliminate fire and accident hazards. Although the Spring Clean-Up Week observance is only officially set for one week—the objective of the period to make the plant a cleaner and safer place in which to work is a "must" year around goal if the fine fire and safety records of the plant are maintained—and its personnel is kept free of injuries and its equipment free from damage.

"Don't give fire a place to start" is the official slogan for the Spring Clean-Up Week and with this in view every effort is being made this week to remove all rubbish and trash that might have accumulated during the winter months. The campaign is being carried out on a departmental basis and coordinated by the fire, safety and security coordinators of the various divisions in the Y-12 Plant Area.

Learn To Give Alarm

In addition to cleaning up the premises—inside and outside of buildings—employees are being given refresher information on the location of fire extinguishers, their proper use and care, location of fire alarm boxes and how to turn

Continued on Page 4



H. D. Kinsey

H. D. Kinsey Visits Y-12 Plant Last Week

Carbide Vice President Views Ridge Facilities

H. D. Kinsey, Vice President of Carbide and Carbon Chemicals Company and well known in Oak Ridge, was a Y-12 guest last week while on a tour of Carbide facilities in the Oak Ridge area.

The Carbide Vice President was Plant Manager of the K-25 Plant in Oak Ridge from 1944 to 1946 when that plant was being placed into operation. While in Oak Ridge he lived at 380 Outer Drive. He is married and has four daughters, one, Jo Ann, graduating from Oak Ridge High School while the family lived here. The other daughters are Louise, who also attended ORHS; Carol and Melissa.

The distinguished Y-12 visitors of last week is a graduate of Roanoke, Va., College in the class of 1921 and received a Master of science degree from Massachusetts Institute of Technology in 1924. On graduation he joined Carbide as a cadet engineer at Clendenin, W. Va., and shortly afterward was promoted to Shift Foreman at the Company's South Charleston, W. Va., plant. After advancing to the post of Assistant Superintendent at South Charleston he was made Superintendent of the chemical plant at Whiting, Ind., from where he came to Oak Ridge.

When he left Oak Ridge in 1946 he went to New York to become Works Manager of Carbide and on June 3, 1954, he was appointed Vice-President of the Company.

5,788 CANDLE-POWER

It would take 5,778 candles a month, about half a ton of them, to furnish the light that a modern home gets by electricity.

New Quarters To Be Taken By Credit Union This Week

The Y-12 Employees Credit Union expects to occupy its new quarters at the North Portal some time this week. The new location will be space once used by the Employment Department at the eastern end of the North Portal Building where more space will be available for patrons of the Credit Union. For the past couple of years the Credit Union has been doing business on the ground floor of the Y-12 Cafeteria.

ENTREES ARE ANNOUNCED FOR SPECIAL LUNCHES AT Y-12 CAFETERIA

Land O'Corn Casserole, an old favorite with Y-12 lunch-eaters, will be the entree on the 50-cent Special Lunch at the Y-12 Cafeteria tomorrow, Thursday, April 21. On next Tuesday, April 26, the main dish on the Special Lunch will be weiners and baked beans. One vegetable, choice of salad or dessert and rolls and butter are served with the Special Lunches.

Consideration By Y-12ers Urged In Parking Cars

Rules Violators Cause Congestion, Safety Hazards

Incorrect parking by some Y-12 employees in the lots provided by the Company for convenience of all Y-12ers has caused inconvenience far out of proportion to the actual number of violators of the parking rules laid down for the plant. Congestion of traffic, creation of safety hazards for pedestrians and other motorists and loss of working time for the employee and production time for the Company have resulted from the careless parking habits of only a comparatively small number of persons.

All of the Y-12 parking lots have signs and painted lines designating no-parking zones and the correct locations for parking. The regular parking lanes have been measured to provide ample space for automobiles without crowding and the no-parking zones have been established for the protection of motorists and pedestrians alike.

Vacant Spaces Were Near

A recent survey of the parking situation in the Y-12 lots has revealed that most of the violations apparently occur when motorists seek to park just as close to a pedestrian portal as possible in order to save just a few steps of walking. In lots where violations were most prevalent, the survey showed that only a comparatively short distance away there were many vacant spaces that would easily have accommodated all of the incorrectly parked vehicles.

In some instances automobiles were found to be parked on sidewalks provided exclusively for the use of pedestrians. In others through traffic lanes for private vehicles and busses were occupied in a manner that would cause congestion of traffic if all the incorrectly parked automobiles were to move out at one time, such as at a shift change. Less prevalent, but still serious, is the practice of "straddling" a line marking a parking space by one vehicle taking up parts of two spaces.

Guards Check For Violators

The parking lots are checked daily by the Guard Department in an effort to curb the incorrect parking practices. When an automobile is found incorrectly parked, the license number is noted and efforts made to trace the owner. When the owner is located a telephone call is made to his Superior, who in turn is requested to have the offending driver move the automobile to a proper parking space.

All of this requires time—and is expensive. To locate owners of incorrectly parked cars the Guard Department has to place telephone calls to offices of the State Highway Patrol. After violators are located, their time is lost when they are absent from their job posts to move their automobiles.

Cooperation and consideration of other employees by this small minority of Y-12 drivers will go far toward eliminating the undesirable conditions arising from the improper parking practices.

The Bulletin

Published Weekly By And For
Y-12 Employees Of
**CARBIDE AND CARBON
CHEMICALS COMPANY**
A Division Of
Union Carbide And Carbon
Corporation
Post Office Box Y
Oak Ridge Tenn.
GEORGE W. DOBBS . . . Editor

OFFICE

Bldg. 9704-2 Room 223
Telephone 7753

Cooling Towers Topic At Meeting Of ASME

Donald R. Baker, manager of the Technical Services Department of the Marley Co., will speak on "The Theory, Design, Application and Testing of Cooling Towers" at a meeting of the Oak Ridge Chapter of the American Society of Mechanical Engineers tomorrow night, Thursday, April 21. The meeting will be in the Starlight Room of the Oak Terrace with dinner served at 6:30 p.m. and the technical meeting beginning at 7:45 p.m.

Baker is director of research for his company and has paid particular attention to cooling tower performance and causes of deterioration of cooling tower lumber.

Baker is a graduate of the University of Missouri School of Mines and Metallurgy. Before joining the Marley firm he spent several years in engineering in the United States and Canada. He joined Marley in 1942.

Y-12ers desiring to attend the dinner meeting may obtain reservations from W. R. Gall, telephone 7-8666, or A. A. Abbatiello, telephone 7677.

Chemists View Goods Talk Set For ACS

"A Chemist Views Consumer Goods" will be the topic of an address by Dr. Jules LaBarthe at a meeting of the East Tennessee Section of the American Chemical Society tonight, Wednesday, April 20. The meeting will be at the University of Tennessee, Knoxville, with dinner being served at the university cafeteria at 6:30 p.m. and the address being delivered at Dabney Hall at 8 p.m.

The ACS section will observe its annual ladies night meeting with wives of members urged to attend. A number of Y-12 members of the group is expected to be present.

Dr. LaBarthe, a Fellow in community standards at the Mellon Institute, Pittsburgh, Pa., will point out the responsibilities of store laboratory chemists or engineers in investigating of goods for retail establishments from the standpoint of the users of the goods. His fellowship at Mellon Institute is responsible not only for the evaluation of new products offered store buyers but also setting up and maintaining product specifications in a wide variety of fields.

A graduate of the University of California in 1922, Dr. LaBarthe worked for the following nine years on a variety of fellowships at Mellon Institute. During the same period he took graduate study work at the University of Pittsburgh where he obtained his Ph.D. Degree in organic chemistry in 1931.

MIT Man To Address Meeting Of ASM Body

The Oak Ridge Chapter of the American Society of Metals, with a large number of Y-12 members, will hear an address by Dr. Michael B. Bever at its meeting tonight, Wednesday, April 20. The meeting will be at 8 p.m. in the Knights of Columbus hall, Jefferson Circle, Oak Ridge.

Dr. Bever's topic will be "Surface Hardening." He is associate professor in the Department of Metallurgy at the Massachusetts Institute of Technology and in his talk he will discuss the processes of nitriding and carbo-nitriding and also include carburization and cyaniding. Flame and induction hardening also will be described.

In his work at MIT he has been engaged in problems in physical chemistry of metals and physical metallurgy. His publications include papers on gas-metal reactions, surface hardening of steel, the thermodynamics of deformation processes, solidification of metals and the use of radioactive tracers in metallurgical research.



Dr. M. B. Bever

Girls Club Plans Dance On May 7 At Oak Terrace

The annual May Dance of the Y-12 Girls Club has been scheduled for Saturday night, May 7, at the Oak Terrace. Plans underway for the affair assure a maximum of entertainment for all Y-12ers and their friends, for whom the dance is being given.

Music for the 9 p.m. to 1 a.m. function will be provided by Willie Gibbs and his "Illusionaires" from Knoxville. This tune tickling tribe is rated as one of the best dance bands in the territory and is much in demand.

Dress for the May Dance will be optional, according to Virginia Boswell, president of the club.

Tickets for the affair will be on sale by members of the Y-12 Girls Club on Friday, April 15, until the day of the dance. They will sell for \$1.25 per person if purchased in advance or \$1.50 at the door.

Meanwhile, the club's membership campaign is progressing nicely. All Y-12 women employees are eligible for membership and those interested are asked to communicate with Juanita Reed, membership chairman, Room 106, Bldg. 9704-2, telephone 7283.



Get-well wishes are sent the following Y-12 employees who were patients in the Oak Ridge Hospital last week:

Karl W. Mercener, Janitors; Raymond D. Ledford and W. B. Davis, Guard; Gordon Fielden, Planning and Estimating; W. L. Price, Research Services; A. D. Johnson and Brandt Kuperstock, Alpha Five Maintenance; Paul E. Brownfield and L. K. Flynn, Buildings and Grounds; Jo Ann McCammon, SF Control; Josephine Lankford, Beta Four Operations; Ruth West, Material Control; A. J. Townsend, Jr., and E. E. Duncan, Chemical; O. M. Vermillion, Product Processing; Harold W. Babb, General Machine Shop; A. G. Steele, A Mechanical Operations; Corum Scott, Manufacturing Office.



There's quite a story about the man on a flying trapeze who caught his wife in the act.

MANUFACTURING OFFICE

Kathryn Ballentine, Plant Records, is vacationing down Alabama way . . . Peggy Bright and her husband journeyed to Roanoke, Va., last week end.

Sue Gragg, of the Travel Office, is glad because her brother is home from the Navy on 30-day leave—he has been with the Seventh Fleet around Formosa.

Dolores Chitwood, the bride-to-be of Receiving and Shipping, was honored with a shower at her home in Whitley City, Ky., last week end . . . Rapid-recovery wishes are sent M. E. Ballew, still ailing.

Floyd McClure and Lawrence Patrick, Property Sales, were recent vacationers . . . C. G. McCulley still is ill and receiving get-well wishes from pals.

The Bill Stantons (he's in Stores) are receiving congratulations over the arrival last Wednesday, April 13, of their second daughter, Kathryn. The youngster tipped the scales at seven pounds, 10½ ounces at Oak Ridge Hospital . . . J. M. Davis and A. V. Bible are on the sick list.

Material Control again sends rapid-recovery wishes to Ruth West in the Oak Ridge Hospital. . . Gertrude Gentry has returned from a spell of illness . . . A. Hopson is a vacationer this week.

Manufacturing Office Department hopes Corum Scott will soon recover from the illness that sent him to Oak Ridge Hospital last week.

June Messer, Material Engineering, is another sick girl receiving get-well wishes.

MECHANICAL OPERATIONS

C. R. Loveless, D Mechanical Operations, was more seriously hurt than originally thought when that fish hook pierced his eye—however, he is recovering but will be off for some time . . . The family of H. P. Alexander from North Carolina spent a recent week end with him in Oak Ridge . . . K. E. Tilley and friends went fishing over Cherokee Lake way last week and caught 40 fish!!! C. Jones went to Cumberland Lake over the past week end—but no fish . . . (Those guys oughta get together) . . . C. E. Tilley visited his sick father in Kingsport hospital last week . . . M. Patterson visited his mother-in-law in Point Pleasant, W. Va., over a recent week end.

C Mechanical Operations folks are congratulating R. E. Monger on the birth of a new daughter at Baptist Hospital in Knoxville last week—named Laurel and weighed seven pounds, two ounces.

Russell Hopper, Gordon Brewer, K. M. Adkins and C. C. Chamberlain are General Machine Shop anglers lured to nearby lakes and streams this week while vacationing at Dale Hollow, Cherokee and Douglas lakes and way stations . . . Get-well wishes are sent to the wife of V. D. Sherrod, ill in Oak Ridge Hospital . . . Sympathy is extended to B. B. Addison, whose sister died last week in Ohio . . . Woodrow Capps is a new employee in the department . . . A pair of unreported vacationers are D. L. Hall and R. F. Graham . . . Lots of sick shoppers receiving get-well wishes include W. T. Arrowood, B. H. Habley, Harold Babb, H. H. Vaughn, J. B. Tilley, J. H. Oldham, W. L. Lowry, T. J. Knudsen, J. R. Ray and Phil Newman.

Mechanical Operations Division reports E. L. Armstrong had visitors from Birmingham, Ala., over the Easter holidays to give him a surprise birthday dinner . . . Folks up that way got around a lot over Easter Sunday . . . W. S. Fox in the Smokies . . . H. B. Thackston with relatives in Carthage, Tenn. . . J. L. Scott with his mother at

Morristown . . . C. E. Dugger with kin folks in Georgia . . . J. C. Loope went all the way to Michigan to visit his sister . . . G. D. Ray with parents in Clifton, Tenn. . . W. F. Beach with parents in Nashville . . . E. D. Freels with parents in Lima, Ohio . . . The conversation is picking up at the N. H. Moon household—they have one of those East Indian talking birds (mynah) that can whistle and talk ? ? ? . . . Sally Cornell, daughter of H. E. Cornell, has returned to the University of Kentucky after an Easter visit with her parents . . . Get-well wishes to E. R. Parrott, at home in Sevierville with the mumps!!!—also to L. H. Russell, H. G. Dyer, J. L. Blaylock and L. R. Brasier . . . C. L. Myers and L. H. Rogers got away on vacations without telling their destinations.

ALLOY

Beta Four put out the welcome mat for R. P. Putman last week. . . Luke Seals motored to Washington, D. C., for a tour of the capital city during his long break. . . M. L. Sweet came bragging about the eight "whoppers" he caught recently, but his only proof is a real red sunburn . . . Frank Wormsley also came in with a yarn about a 14-inch crappie—that he ate before thinking about the fishing rodeo . . . Beta Four is wondering about the rest of its fishermen—too much sun and no fish ? ? ? J. H. Milligan is vacationing this week painting his new house . . . A. S. Peterson is another vacationer.

R. L. Stephenson is the Alloy Division papa of the week with a baby daughter born April 11 . . . Al Gillen is vacationing in Water-look, Ala., this week . . . F. A. Watson is likewise in Athens, Tenn. . . Fish are ducking around TVA lakes as Lee Pruitt puts in his vacation appearance thereabouts—with time out for a trip to Atlanta . . . Another fisherman while vacationing is J. D. Conatser . . . W. E. Heckert spent a recent week end with his family in Alabama . . . Get-well wishes to R. A. Mullins and M. R. McKen-rie, both of whom have been ill for some time . . . Also to the wife of Earl Goodman, who underwent an operation April 13.

MAINTENANCE

Friends of Wes Mercener, head man of the Janitorial forces, are sending him get-well wishes at Oak Ridge Hospital where he was confined last week with an attack of double pneumonia.

Field Maintenance sends rapid-recovery wishes to the wife of Hillis Ross, who has been ill for some time.

Beta Two Maintenance hopes that the owner—initials L. B.—comes around to the Bldg. 9204-2 bulletin board to recover a high school class ring found recently. The school name is not legible . . . W. K. Smith is the proud father of a seven - pound, three - ounce daughter born April 10 and being named Wanda Muriel . . . S. W. Owen is attending the wedding of

Continued on Page 4

10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days: Walter C. Moore, Superintendents, April 23.

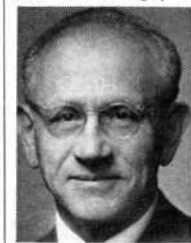
Oller C. Collins, Electrical Maintenance, April 24.

James C. Booher, Guard, April 25.

Roy C. Roseberry, Mechanical Inspection, April 27.

Electrical Engineers To Hear Philip Sporn

Philip Sporn, one of the nation's leading industrialists and president of the American Gas and Electric Service Corp., will speak at a joint



meeting of the East Tennessee and Oak Ridge Sections of the American Institute of Electrical Engineers Friday night, April 22, in Oak Ridge. The meeting will be at 8 p.m. in the auditorium of the Jefferson Junior High School. Many Y-12 members of the AIEE are expected to attend the meeting along with representatives from Knoxville, Chattanooga and other East Tennessee cities. The public is invited.

The subject of the address will be "Perils and Profits of Pioneering." He will discuss the problems of his corporation have encountered in carrying out engineering and design, particularly with reference to progress made in economic generating and transmission of electric power.

In 1952 Sporn organized the Ohio Valley Electric Corporation to supply the large amount of electric power needed at the new Atomic Energy Commission plant at Portsmouth, Ohio. He has been with the AGES since 1909, when he graduated from Columbia University. In 1945 he received the AIEE's highest award, the Edison Medal and in 1948 Columbia University awarded him its Medal of Excellence. He also holds several honorary degrees.

St. George Tucker Arnold is program chairman of the Oak Ridge Section of the AIEE and John A. Brown, Knoxville, holds a similar post with the East Tennessee Section.

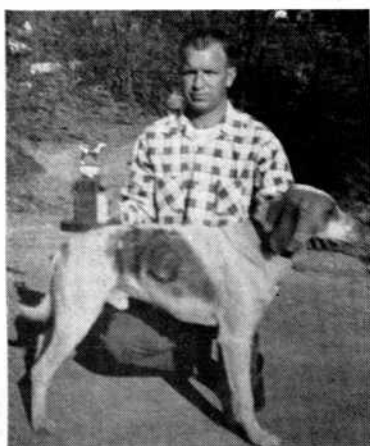
Credit Union Forms Education Committee

The Y-12 Employees Credit Union has completed organization of an Educational Committee with members representing departments and divisions throughout the Y-12 Plant Area to provide information regarding operations of the savings and lending organization. W. O. Elam, Chief of the Y-12 Fire Department, is chairman of the committee.

Employees in the Y-12 Plant Area desiring information on the savings or lending features of the Credit Union are asked to feel free to ask any committee member for the facts they desire. The Y-12 Bulletin will publish from time to time information on particular problems that may be solved by the organization.

In addition to Chairman Elam, members of the committee and their departments or divisions are George W. Dobbs, Industrial Relations; Frances Donahue, W. G. Butturini and J. T. Horn, Alloy; C. B. Bridges, Alpha Five Maintenance; J. E. White, Alpha Four Maintenance; Joanna Rowan, Engineering; J. E. Keeton, Oak Ridge National Laboratory Stable Isotope Research; Bill Mason, Research Services; Jack Bounds, Chemical; K. B. Gulley, Product Processing; Helen Claffey, Manufacturing Office; George Oliphant, Electrical Maintenance; Paul Blakely, ORNL ANP; M. L. Woodward, Guard; R. C. Kelly, ORNL Materials Chemistry; Bill Pike, ORNL Reactor Experimental; S. Hatcher, Buildings and Grounds; Ed Hargis, General Machine Shop; and Mavis Koons, Mechanical Operations Division.

Some of the air-separation towers in Linde's plant produce as much as 16 tons of oxygen an hour.



W. T. GALYON, OF THE Y-12 Fire Department, is shown with his fine fox hound, "Little Fatty," which won a blue ribbon in his first field trial entry a few days ago.

Y-12er's Fox Hound Wins Blue Ribbon In First Outing

Y-12 Fireman W. T. Galyon is an enthusiastic outdoors sportsman and got an extra thrill out of his hobby a few days ago when a young foxhound of his took a first place blue ribbon in the dog's first effort at running a field trial. The event was the All-Age Field Trial conducted by the Loudon-Knox County Fox Hunters Association Field Trial and Bench Show held at Kingston March 31 and April 1 and 2.

"Little Fatty," the two-year old dog, outpointed 57 other entries in the field trials and didn't have to go to the bench to win first honors in the competition. "Little Fatty" is of the Hilltop Hustler breed of fox hounds. Galyon also owns several other fine fox hounds, some of which were entered in the Kingston contest. Although they made good showings in the field, their records were not up to the standards set by "Little Fatty," whose work spreadeagled the field. In addition to the blue ribbon, Galyon also was awarded a handsome trophy in recognition of the first place win by his dog.

Bumpers, Rippers Keep Pace In Loop

With only tomorrow night, Thursday, April 21, left for regular bowling in the final one-third of the season for the B League, the Bumpers and Rippers kept up their red hot race for top honors. Each team took three points last week, the Bumpers beating the Swingsters and the Rippers ripping ADP. Nursing a two-point lead, the Bumpers can win the final round with any combinations of three points in their favor.

Playoffs for the seasonal honors follow the regular schedule. The Rippers and All Stars have a tie for first place in the first round to roll off. The Wolves took the second round of play and the winners of each sector of play will clash for the season's championship.

In other matches last week the Wolves blanked the Has Beens for four points and two-point deadlocks were posted by the All Stars-Tigers and Wasps-Cubs. The Rebels won three from Bldg. 9211. The Wolves swept the board in team scoring with 913, 1079, 2589 and 3085. Joe Dunlap, Rebels, had a 231 scratch game; Gilbert, Tigers, 261 handicap game; Frank Gragg, Wolves, 594 scratch series; and Tom Hillard, All Stars, 670 handicap series for best individual scores.

League standing follows:

Team	W	L
Bumpers	28	12
Rippers	26	14
Wasps	24	16
Has Beens	23	17
All Stars	22	18
Cubs	21½	18½
Tigers	19	21
Wolves	18½	21½
Swingsters	17	23
Rebels	17	23
ADP	16	24
Bldg. 9211	8	32

Three Golf Leagues To Open Next Week

Two-Man Teams Set For Regional Circuits

Organization details for the regional golf leagues to be operated for the divot diggers of Y-12 in Oak Ridge and Knoxville were completed last week, as were plans for opening of a similar circuit for golfers of Rockwood, Harri-man and Kingston, to be known as the Roane County League. Play is scheduled to start next week, beginning Monday, April 18.

The Oak Ridge and Knoxville leagues will be composed of eight or more two-man teams each. The Roane County circuit will have eight or ten such teams.

Riders Play Each Wednesday

The Oak Ridge circuit will play on every Wednesday at the Oak Ridge Golf and Country Club, using both the front and back nines. Harold Ratjen is president of this league with Jack McLendon being vice president and Elmore Koons, secretary. The two-somes in this league are Patterson-Peterson, Mitchell-Mathews, Ratjen-Snyder, Orrison-Saylor, Boyd-Oliphant, McLendon-Lister, Holzknecht-Peckman, Hines-Emlet and J. Smith-Koons. Alternates are Carl Dorr, Palo O'Neal and Jack Spears who may be called on to play with any team on which a member is unable to play on any certain date.

The Knoxville league schedule will allow any match to be played during the calendar week it is scheduled for and the season is being split into two halves with a playoff being slated for the winners of the first and second half. I. G. Speas is president of this circuit, Joe Miller is secretary and the league commissioner is John Snyder with Harold Ratjen being vice commissioner.

Knoxville Play At Whittles

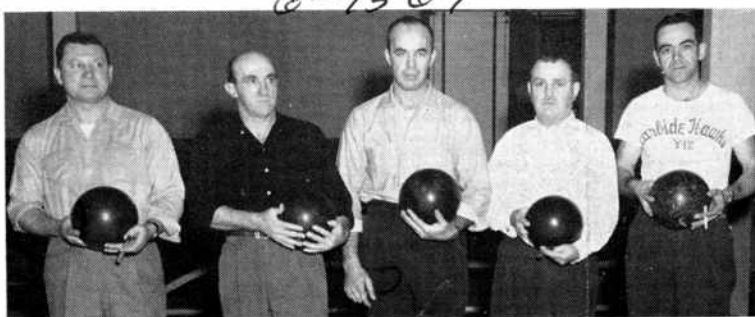
The eight teams in this league are the Par Busters (Raymond Caton-Tom Perry), Borights (Bill Wilburn - Eugene Huskisson), Eagles (I. G. Speas-G. Heins), Aces (P. Sexton-Joe Miller), Divot Diggers (Al Sawyer-Floyd Ludwig), Bogeys (L. Kovack-Phil Brennan), Lost Balls (J. Moynihan-B. Schappel) and the Birdies (B. Burrus-K. Rowan). Alternates are C. C. Morgan, John Hill, Clarence Johnson, O. E. Wiggers and W. W. Smith.

This league will play its matches at the Whittle Springs club in Knoxville. The regular schedule will end on the week of August 3 with the championship play-off set for the week beginning August 10.

The Roane County League will play at either Rockwood or Harri-man by agreement of the teams.

Horseshoe League To Be Formed Soon

Formal organization of a Y-12 Horseshoe League is expected about the middle of May, it was announced last week by the Recreation Department. The department has received numerous inquiries from prospective players



SHOWN ABOVE IS THE ADP TEAM OF THE B LEAGUE OF PLANT bowlers that has put up a sharp scrap throughout the season to push the opposition to the limit. From left are J. Patrick, H. Moon, Gib Hatmaker, S. F. Creigh and Carl Frazier.



WHO SAID THE BIG 'UNS AREN'T biting? Take a look at Russell Hopper, General Machine Shop, with that whopper of a largemouth bass caught a few days ago in Watts Bar Lake that will be hard to beat in the Y-12 Annual Fishing Contest. The contest is open to all Y-12ers and entry blanks may be obtained at the Y-12 Recreation Office, Room 223, Bldg. 9704-2.

Many Entries Seen For Golf Tourney At Deane Hills

A big crowd of Y-12 golfers are expected to turn out for the first week-end golf tournament of the season set for the Deane Hills Country Club course near Knoxville on Saturday morning of this week, April 23. There is no entry fee for the contest but a \$3 green fee will be charged each player for 18 holes of play.

Action is scheduled to start at 7 a.m. and all Y-12ers in the event must be away from the first tee not later than 8:45 a.m. Advance entry is not necessary — all the golfers wanting to play in the tournament have to do is just show up at the prescribed time — with the \$3 green fee.

The Recreation Department will give handsome prizes to various winners, including the low net and gross scorers and the runners-up, the most fives and sixes gross and a blind bogey.

Women Bowlers Top K-25 Keglerettes

With only a couple of more weeks to go, the Y-12 women's varsity keglerettes protected their four-point lead in the Oak Ridge City League last week by trouncing the K-25 lassies for three points. The Y-12ers lost the first game by 726 to 699, but rallied for 737 to 676 and 777 to 692 wins and total pinnage of 2210 to 2094.

Capt. Mavis Koons led her Y-12 mates in individual scoring with 148, 191, 144-483. Close behind were Ruby O'Kain 169, 146, 164-479; Dot Park 145, 128, 149-422; Doris Walton 132, 133, 147-417; and Betty Whitehorn 105, 139, 170-414.

and will make an announcement as to the organization date within the next few days.

National And American Softball Leagues Formed With Play Scheduled To Open M

Circuits Formed For Players Of Equal Ability To Provide More Even Competition And Fun

With two well-balanced leagues of rarin' to go teams of plant softball players assured, indications point to the most successful season of the popular summer sport in history being enjoyed in the

Y-12 Plant. Play is scheduled to get underway on Monday night, May 2, at Pinewood Park.

Y-12 SPORTS

Hot Wires Defeat Screw Ball Team For C Loop Crown

The Hot Wires took second half honors in the C League of Y-12 keggers last week by staving off a Rusty Five rally and dividing four points with the second place team and then went on to trim the Screw Balls, first half winners, for the season's championship. The Screw Balls finished last in the second round of play.

The Screw Balls put up a terrific battle against the champions in the title match, losing only by a total of 10 pins. The champs copped the first game by 915 to 886 and the second by 936 to 932. In the final game the Screw Balls found the range and posted a 929 to 906 triumph, but couldn't overcome the total pinnage margin of the Hot Wires, who ended up with 2757 to 2747 for the losers. Frank Zupan, of the Screw Balls, had the top scratch scores of the match with a 204 game and 504 series but the all-around team play of Williams, Smith, Nix, Sikes and Tiller brought the win to the Hot Wires.

In the last regular second-half session the Glass Ams hung a whitewash win over the Screw Balls, the Deltas took C Shift and the Q Balls stung the Hornets, each by three. The Q Balls, late entry in the loop, got most of the scoring tops with an 802 game, boosted to 1036 with handicap, and a 2936 handicap series. The Deltas' 2244 scratch series was best of the night. The Q Balls' showing was aided by Phillips with a 202 scratch game, increased to 259 with handicap, and a 670 handicap series. Forbes, Hornets, rolled a 545 scratch series.

Final second-half standings follow:

Team	W	L
Hot Wires	43½	16½
Rusty Five	34	26
Q Balls	33	27
Hornets	31½	28½
Deltas	30½	29½
Glass Arms	26	34
C Shift	24½	35½
Screw Balls	18	42

Shift Fish Rodeo Draws Many Entries

That fishing rodeo for Y-12 employees on shift schedules is proving popular with anglers, according to reports reaching the Recreation Department from the various shift recreational committees. A large number of entry cards have been given out and already a number of excellent catches have been reported.

The entry cards may be obtained from any members of the shift recreational committees and must be returned to them for final tabulation and judging. The contest runs until midnight, Monday, May 9, and all entry cards must be in the hands of the Recreation Department not later than Friday, May 13.

DIXIE MAKING PROGRESS

State and local organizations in the South are expected to spend \$10,000,000 this year in promoting economic and technological programs in Dixieland.

The Recreation Office now is drawing schedules for the two leagues, the National and American. Preferences will be given teams composed of Y-12ers working on shift schedules and it is possible that because of the shift schedules some games will be played in daylight. Plans now call for games on every day or night of the week except Saturday and Sunday.

More Recreational Benefits Seen

The two leagues are being formed with the idea of having one circuit for the more proficient and experienced players and the other for the less talented performers. By placing athletes in leagues of teams of their same class, more even and spirited competition is promised with more recreational benefits and enjoyment for the players.

The lineup of the two leagues with managers and their building addresses follow:

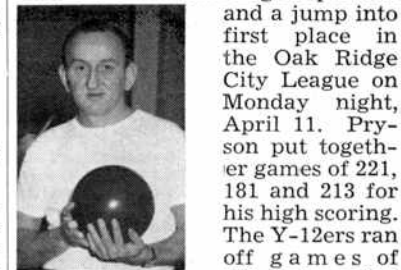
American—Bombers, R. J. Luck, Bldg. 9204-4; ADP, R. E. Wallace, Bldg. 9204-4; Uranium Control Junior Varsity, Fred Uffleman, Bldg. 9706-1A; Rebels, Lonnie Beach, Bldg. 9212; Steamers, James May, Bldg. 9401-3; Dirty Niners, C. R. Rea, Bldg. 9204-4; Vols, Harley Law, Bldg. 9204-3; Wildcats, Joe Delmont, Bldg. 9201-5; Deuces, Herb Oliver, Bldg. 9212.

National—Engineers, R. M. Lawson, Bldg. 9723-11A; D Doodies, Howard Burnett, Bldg. 9201-5; Beta Two, George Manning, Bldg. 9204-2; Madcaps, Carl Redding, Bldg. 9204-2; Ridge Runners, H. E. Schultz, Bldg. 9212; Spark Plugs, John Myers, Bldg. 9206; Beta Four, Earl Thomas, Bldg. 9204-4; Bums, W. C. Anderson, Bldg. 9720-2.

Practice for many of the teams already has been started and reservations for drills at Pinewood Park may be made through the Recreation Office, Bldg. 9704-2, telephone 7753.

Pryson Leads Y-12 To Win, Loop Lead

Joe Pryson had a big 615 scratch series to lead the Y-12 varsity keggers to a four-point victory over the American Legion pinmen



Joe Pryson for a total of 2570 against 793, 742, 750-2285 for the Legionnaires.

The Y-12ers' margin in first place was one point after their whitewash victory. The Clinton Bedding Co. keggers, a team composed of all Y-12 bowlers, lost three games to drop back from the loop lead.

Other Y-12 individual scores were Jack Spears 159, 172, 203-534; Frank Gragg 132, 190, 156-478; Bob Gambill 171, 142, 160-473; and Frank Zupan 177, 116, 177-470.

One of the new Eveready batteries for use with electronic photo-flash guns is only 5½ inches high, packs 510 volts, and will give as many as 1,000 flashes.

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his daughter in Mississippi this week.Planning and Estimating welcomes **Gordon Fielden** back after an illness that kept him in Oak Ridge Hospital several days.Beta Four Maintenance has **W. C. Brewer, J. Owens and B. E. Davis** vacationing this week . . . Get-well wishes to **T. L. Monger**.**C. J. Maddux, Jr.**, Electrical Maintenance, is vacationing this week at an unreported destination . . . The department hopes **H. G. Bingham** will recover soon.Alpha Four and Five Maintenance report **C. R. Kasperek** out sick and **A. D. Johnson** in Oak Ridge Hospital—get well, men . . . Condolences are extended **L. M. Hayes**, whose brother died recently in Gadsden, Ala. . . **J. A. Finley** is vacationing in Pennsylvania.**H. H. Perry** is visiting a daughter in Dallas, Tex., while on vacation . . . **Brandt Kuperstock** is out of Oak Ridge Hospital and recuperating at Panama City, Fla.

INDUSTRIAL RELATIONS

The Guard Department sends get-well wishes to **Capt. Raymond Ledford**, ill in Oak Ridge Hospital. . . Vacationers setting off in all directions include **J. T. Fry, W. Boshears, C. S. Davidson, R. K. Kite and F. L. Roberts**.**Arnold Tiller**, Personnel Services, vacationed around his Roane County estate last week . . . **Helen Ross** entered Oak Ridge Hospital last Friday for a minor operation and friends hope she will be out soon.**Madlyn Tackett**, Cafeteria, is receiving her get-well wishes at Scott Hospital in Lake City.Pals are glad **Pat Hamrick**, Employment, is out of Oak Ridge Hospital after a brief illness.

TECHNICAL

Chemical and Industrial Engineering passes the word along that **Betty Hudnall** took a flying trip to Nitro, W. Va., to spend Easter with her parents . . . **Byron D. North** and **George Guerrant**, Instrumentation, took a long look recently at scenery around Washington—visiting the homes of George Washington at Mt. Vernon and Thomas Jefferson at Monticello, Va. . . **Bob Slusher** and his wife, Virginia, of Medical, week-ended near Marion, Va., visiting kin folks . . . **Louise Scogin** and hubby, John, Electrical Maintenance, and children drove down to Atlanta, Ga., for the week end . . . **C. C. Morgan** ran over to Greensboro, N. C., for the week end . . . Vacationers not reporting whereabouts are **H. D. Landry** and **R. B. Schappel** . . . **J. W. Hodges** and **T. M. Andress** are welcomed back after being out sick.Electrical Engineering hopes the father of **Allen True**, who had a heart attack last week at Rockwood, will recover soon . . . Get-well wishes also go to **H. G. Tillery**, out ill last week.**J. L. Noey**, Instrument Engineering, is beaming over the birth on April 1 of a new son, Christopher Allen . . . **F. A. Hodnett** is welcomed as a newcomer transferred from K-25.Mechanical Operations has **P. H. Keane** on vacation in Knox-

THIS GROUP OF FIRE, SAFETY AND SECURITY COORDINATORS AND their representatives in the Y-12 Plant Area mapped Spring Clean-Up Week plans for the plant. Seated are H. P. House, Oak Ridge National Laboratory Analytical Chemistry Division; Bill Littleton, Chemical; J. D. Bowers, Manufacturing Office; Frank Fuis, Engineering; R. C. Kelly, ORNL Materials Chemistry; E. L. Bentley, Industrial Relations; J. E. Keeton, ORNL Stable Isotope Research; J. R. Thorpe, Mechanical Operations; C. V. Ketron, ORNL Stable Isotope Research; J. T. Horn, Alloy; Robert Helton, ORNL ANP; H. A. Fisher, Alloy; Y-12 Fire Capt. W. R. McGill; and Pat Ridge, Laboratory. Standing are Y-12 Fire Chief W. O. Elam, W. G. Butturini, Alloy; and Ken Valentine, Alloy. Coordinators absent when picture was made are Nelson Tibbatts, Maintenance; W. C. Hullings, ORNL Homogeneous Reactor Technology; C. P. McWright, ORNL Biology; and A. W. I. Riikola, ORNL Electromagnetic Research.

Marsh, Mountain Wildlife Film On Audubon Program

"Wildlife of Marsh and Mountain" is the subject of the film presentation at the final meeting of the year of the Audubon Screen Tours in Oak Ridge. The meeting will be at 7:30 p.m. next Tuesday, April 26, in the auditorium of the Oak Ridge High School with Cleveland P. Grant presenting the movie. The screen tours this season have been sponsored by the Oak Ridge Conservation Club and the Association for Childhood Education. Next season the Conservation Club will be sole sponsors of the project.

Likewise **J. F. Warner**, who also has a new daughter born April 14, named Janet . . . **H. C. Hankins** is based at Charleston, S. C., doing some deep sea fishing . . . **A. W. Brewer** and the missus and son, Rodney, are visiting in St. Petersburg and Jacksonville, Fla., this week.

Merwyn Sanders, Health Physics, timed his vacation nicely last week to welcome a new son to the family—Thad Merwyn, weight seven and one-half pounds.

Ann Fleenor, Laboratory Operations, is vacationing in California for a couple of weeks.

Special Testing extends sympathy to **R. E. Barringer** over the death of his brother-in-law last week — Barringer vacationed in Alabama last week.

Analytical Development hopes **Betty Sue Huntley** will recover rapidly from a minor operation on her foot.

Closing thought — Don't be afraid to use your brain. It's the little things that count.

Y-12ERS ON B SHIFT CUT UP AT DANCE

Y-12ers working on the B Shift pitched a whingding of a dance for themselves and friends last Thursday night at the Eagles Club. The hall was packed with merrymakers and the fun was continuous. Dave Blessing's orchestra (he's a Y-12er himself) provided music for the dance.

Off-Job Mishaps Far More Than In Plant

Continued from Page 1
number of disabling injuries per 1,000,000 man hours worked. Severity Rate Basis Changed

The Y-12 accident severity rate for the same period was 22.7. Effective January 1, the severity rate also is computed on the same basis as the frequency rate, using 1,000,000 man hours worked. The severity rate indicates "how serious are the injuries?" and is the number of days lost per 1,000,000 man hours worked. Prior to January 1 this was based on 1,000 man hours worked.

Y-12ers Invited To Attend Three Seminar Sessions

Scientific and technical personnel of Y-12 have been invited to attend three interesting seminar sessions set for the next few days at the Oak Ridge National Laboratory Bldg. 4500 auditorium. At 8:30 a.m. today, Wednesday, April 20, Dr. D. H. Wilkinson, Cavendish Laboratories, Cambridge University, Cambridge, England, will speak at a physics seminar on "Fractional Parentage and its Importance for Nuclear Reaction." A joint physics and chemistry seminar will be held at 3 p.m. tomorrow, Thursday, April 21 with Dr. G. T. Seaborg, of the University of California, being the speaker. His subject will be "Alpha Decay Systematic." Another physics seminar meeting is set for 10:15 a.m. next Monday, April 25, when J. W. T. Dabbs, of ORNL, will speak on "Direct Polarization of Indium 115 Nuclei."

Professional Group To Hear Address On DC Amplifiers

The Professional Group on Nuclear Science of the Institute of Radio Engineers will hear a talk by Raymond Dandl, of Oak Ridge National Laboratory, at its meeting tonight, Wednesday, April 20. The meeting will be at 7:30 o'clock in the Oak Ridge Institute of Nuclear Studies Training Building on Administration Road.

The speaker's subject will be "Stable DC Amplifiers." He is technical assistant to the director of the Instrumentation and Control Division at ORNL. Dandl will discuss the chopped - stabilized amplifiers as applied to analog computers. Y-12 personnel interested in the topic are invited to attend the meeting.

Rides Wanted, Offered

Ride Wanted — From Oak Heights Addition vicinity, Clinton, to West Portal, Group I. Margaret Barker, plant telephone 7068, home telephone 443, Clinton.

Ride Wanted—From 2306 Linden Ave., Knoxville, to Central Parking Lot, B Shift. Jack Lowry, plant telephone 7175, home telephone 3-6620, Knoxville.

Ride Wanted—From 816 Merchants Road, Knox County, to Central Parking Lot, B Shift. Dave Turner, plant telephone 7208, home telephone 6-4245, Knoxville.

Ride Wanted Or Will Join Car Pool—From vicinity of Kingfisher Lane, Oak Ridge, to East Portal, straight day. E. B. Stooksbury, plant telephone 7784, home telephone 5-3122, Oak Ridge.

Three Riders Wanted — From vicinity Jackson Square, Oak Ridge, to North Portal, straight day. John Hunting, plant telephone 7086.

Rider Wanted—From Rockwood to either North, Central or West Portals, straight day. Charlie F. Hall, plant telephone 7781.

Ride Wanted — From Harrell Hills section, Fountain City, to Central Portal, straight day. L. R. Hall, plant telephone 7-8314, home telephone 6-0279, Knoxville.

Ride Wanted — From Philadelphia, Tenn., to any Y-12 portal, A and B Rotating Shifts. J. I. McKinley, plant telephone 7515.

Ride Wanted—From Andes St., Burlington section, Knoxville, to West Portal, A Shift. C. M. Mills, plant telephone 7639.

Two Car Pool Participants Wanted—From Fountain City, Inskip or Norwood, B Shift. T. M. Morgan, plant telephone 7904.

Riders Wanted Or Will Join Car Pool—From Fountain City to any portal, F Shift. Condon Williams, plant telephone 7687, home telephone 6-9462, Knoxville.

Two Riders Wanted — From Jacksboro, Caryville or Lake City, B Shift. Earl Stooksbury, plant telephone 7-8251, home telephone 506-M-2, Jacksboro.

Riders Wanted — From South Clinton or Clinton to Bear Creek Portal, A Shift. G. O. Johnson, plant telephone 7-8384, home telephone 1073-M, Clinton.

Ride Wanted—From new subdivision between Clinton and Oak Ridge to either Central or North Portal, straight day. Frances Boyd, plant telephone 7553.

Ride Wanted — From vicinity 17th St., near University of Tennessee to North or Central Portal, straight day. Evelyn Lowery, plant telephone 7-8316, home telephone 5-2733, Knoxville.

Playhouse To Give Dance At Terrace On April 23

The annual spring dance of the Oak Ridge Community Playhouse for members and friends of the organization will be held Saturday night, April 23, at the Oak Terrace Ballroom from 9 p.m. to 1 a.m. Music will be provided by Tom Carlisle's Continentals and admission will be \$3 per couple. A floor show also is being arranged for the occasion.

Clear vision—avoid collision.



HERE ARE TWO MORE OF THE SHIFT RECREATION COMMITTEES that assist Y-12ers on shift schedules formulate recreational activities. At left is the B Shift committee, members being from left L. E. Kinkaid, Bill Ramsey, Jasper Russell, Bonnie Roberts, B Shift Superintendent S. F. Creigh, Committee Chairman Carl Frazier, Assistant B Shift Superintendent Harry Bainbridge, John Bishop and Ralph Jeffries. The C Shift



committee is at right. From left are E. M. Hunnicutt, G. W. Ballew, F. L. Goodwin, Perry Ward, C. E. Fritts, Committee Chairman J. C. Bryan, W. K. Taylor, C Shift Superintendent F. D. Bender and H. G. Mason. Absent when picture was made were Assistant C Shift Superintendent Oscar Blackwell and L. R. Loveless. Such committees on the four Y-12 shifts have done much to expand the plant recreation program.